

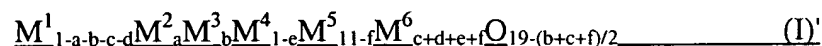
**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions and listings of claims in the application:

**LISTING OF CLAIMS:**

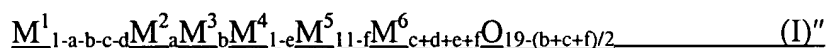
1. (canceled).
2. (currently amended): A phosphor according to claim ~~1~~ 3 or 4, wherein c, d, e and f satisfy the condition  $0.001 \leq c+d+e+f \leq 1$ .

3. (currently amended): A phosphor ~~according to claim 1 or 2, for vacuum~~  
ultraviolet ray-excited light-emitting elements which comprises a compound represented by the  
following formula (I)':



wherein  $M^1$  is at least one element selected from the group consisting of La, Y and Gd,  
 $M^2$  is at least one element selected from the group consisting of Ce and Tb,  $M^3$  is at least one  
element selected from the group consisting of Ca, Sr and Ba,  $M^4$  consists of Mg and Zn,  $M^5$  is at  
least one element selected from the group consisting of Al and Ga, and  $M^6$  is at least one element  
selected from the group consisting of Mn and Eu, and a, b, c, d, e and f are numbers satisfying  
the conditions of  $0 < a < 1$ ,  $0 < b < 0.6$ ,  $0 < c < 0.5$ ,  $0 < d < 0.5$ ,  $0 < e < 1$ ,  $0 < f < 1$ ,  $a+b+c+d < 1$ , and  
 $0 < c+d+e+f$ , respectively.

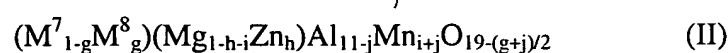
4. (currently amended): A phosphor ~~according to claim 1 or 2, for vacuum~~  
ultraviolet ray-excited light-emitting elements which comprises a compound represented by the  
following formula (I)'':



wherein  $\text{M}^1$  consists of La and Y,  $\text{M}^2$  is at least one element selected from the group consisting of Ce and Tb,  $\text{M}^3$  is at least one element selected from the group consisting of Ca, Sr and Ba,  $\text{M}^4$  is at least one element selected from the group consisting of Mg and Zn,  $\text{M}^5$  is at least one element selected from the group consisting of Al and Ga, and  $\text{M}^6$  is at least one element selected from the group consisting of Mn and Eu, and a, b, c, d, e and f are numbers satisfying the conditions of  $0 < a < 1$ ,  $0 < b < 0.6$ ,  $0 < c < 0.5$ ,  $0 < d < 0.5$ ,  $0 < e < 1$ ,  $0 < f < 1$ ,  $a+b+c+d < 1$ , and  $0 < c+d+e+f$ , respectively.

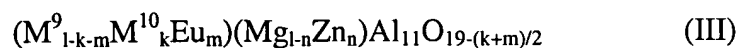
5. (currently amended): A phosphor according to claim ~~1-3~~ or ~~2~~ 4, wherein  $\text{M}^5$  is Al.

6. (currently amended): A phosphor ~~according to claim 1~~ which comprises a compound represented by the following formula (II):



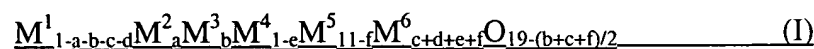
(wherein  $\text{M}^7$  is at least one element selected from the group consisting of La, Y and Gd and  $\text{M}^8$  is at least one element selected from the group consisting of Ca, Sr and Ba, and g, h, i and j are numbers satisfying the conditions of  $0 < g \leq 0.6$ ,  $0 \leq h \leq 1$ ,  $0 \leq i \leq 0.5$ ,  $0 \leq j \leq 0.5$ ,  $h+i \leq 1$ , and  $0 < i+j \leq 0.5$ , respectively).

7. (currently amended): A phosphor according to ~~claim 1~~ which comprises a compound represented by the following formula (III):



{wherein  $M^9$  is at least one element selected from the group consisting of La, Y and Gd and  $M^{10}$  is at least one element selected from the group consisting of Ca, Sr, and Ba, and k, m and n are numbers satisfying the conditions of  $0 < k \leq 0.6$ ,  $0 < m \leq 0.4$ ,  $0 \leq n \leq 1$ , and  $k+m < 1$ , respectively}.

8. (currently amended): A vacuum ultraviolet ray-excited light-emitting element comprising ~~the a phosphor described in claim 1 or 2~~ for vacuum ultraviolet ray-excited light-emitting elements which comprises a compound represented by the following formula (I):



wherein  $M^1$  is at least one element selected from the group consisting of La, Y and Gd,  $M^2$  is at least one element selected from the group consisting of Ce and Tb,  $M^3$  is at least one element selected from the group consisting of Ca, Sr and Ba,  $M^4$  is at least one element selected from the group consisting of Mg and Zn,  $M^5$  is at least one element selected from the group consisting of Al and Ga, and  $M^6$  is at least one element selected from the group consisting of Mn and Eu, and a, b, c, d, e and f are numbers satisfying the conditions of  $0 \leq a < 1$ ,  $0 < b < 0.6$ ,  $0 < c < 0.5$ ,  $0 \leq d < 0.5$ ,  $0 \leq e < 1$ ,  $0 \leq f < 1$ ,  $a+b+c+d < 1$ , and  $0 < c+d+e+f$ , respectively.

9. (new): A vacuum ultraviolet ray-excited light-emitting element comprising the phosphor of claim 2.